

1 IN RE: EPA Proposed Change to
2 Soils Cleanup

3 BEFORE: Christopher Corbett
4 Lisa Brown
5 Jennifer Bryson
6 Tom Fizzano

7 LOCATION: Jackson Township
8 Municipal Building
9 60 North Ramona Road
10 Myerstown, PA

11 DATE: Monday, June 26, 2000

12 TIME: 7:02 p.m.

13 SPEAKERS: Ray Johnson
14 Matt Yunaska
15 Orpha Doutrich
16 Earl Doutrich
17 Dean Moyer

ORIGINAL

18
19 * * * * *

20 REPORTER: Melissa L. Charlton

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I N D E X

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P R O C E E D I N G S

MS. BROWN:

Good evening and
welcome. My name is Lisa
Brown, and I work with the
U.S. Environmental
Protection Agency. And
we're here tonight to talk
about the Whitmoyer Lab
Superfund site here in
Myerstown, Jackson
Township, Pennsylvania,
and our new proposal to
change the approach to the
way soils are cleaned at
the site. With me tonight
is Christopher Corbett,
our project manager. I am
the community involvement
coordinator for this
particular site.

And we also have up
here Jennifer Bryson from
the engineering firm

1 called Environ in Eastern
2 New Jersey, and the
3 project manager, Tom
4 Fizzano, also of Environ.
5 You may remember
6 Jennifer. Jennifer had
7 been the project manager.
8 She's the former project
9 manager for this
10 particular site, for
11 Environ.

12 Right now we're in
13 the middle of a public
14 comment period which runs
15 from June 22nd to July
16 21st. And you'll notice
17 we have a stenographer up
18 here. That's so that if
19 you have any questions or
20 comments you don't
21 necessarily have to write
22 them in. If you stand
23 this evening and state
24 them, she'll take them
25 down with her recording.

1 And we'll answer them
2 either at this moment or
3 during the comment
4 period.

5 In addition, I have
6 an apology to make. The
7 newspaper ad which ran in
8 the Merchandiser, as well
9 as the Lebanon Daily News,
10 stated our start time as
11 seven o'clock. However,
12 the fact sheet that we
13 sent out, talking about
14 the clean up, talks about
15 the meeting starting at
16 7:30. If anybody in the
17 audience hasn't gotten a
18 copy of this, we do have
19 extra copies of this fact
20 sheet which summarizes the
21 proposal, and I'll be more
22 than glad to bring those
23 around if anybody would
24 like a copy.

25 Now, in the fact

1 sheet we talk about
2 something called the
3 administrative record
4 which is a really fancy
5 name for public files that
6 we keep here in the
7 community. And those are
8 kept over at the public
9 library over in Myerstown
10 over on North College
11 Street. So you're welcome
12 any time to go over there
13 and take a look. What we
14 keep there are
15 legal-technical documents
16 that shape the decisions
17 we make at this site and
18 this cleanup. And also my
19 number is on the back of
20 this sheet. I have an 800
21 number. You're welcome to
22 call me at any time either
23 during this comments
24 period or with questions
25 about the cleanup.

1 With that, I think
2 that pretty much
3 summarizes what we've got,
4 aside from the fact that
5 we do have a public
6 meeting sign-in sheet. We
7 try to keep that to make
8 sure we have everybody on
9 our mailing list. If you
10 don't care to sign in, I
11 do ask that you initial it
12 just so I can have a head
13 count, although it's not
14 that huge of a room. I
15 can just kind of stand
16 here and just count
17 heads.

18 Without any further
19 ado, I'm going to turn
20 this over to our project
21 manager, Christoper
22 Corbett, who will tell you
23 a little bit more about
24 why we're here this
25 evening and what our new

1 proposal is. Chris?

2 MR. CORBETT:

3 Thank you, Lisa.

4 Well, thank you everyone
5 for coming this evening.

6 I did bring some videotape
7 again, as we've done at
8 the past meetings. I will
9 put that on in a couple
10 minutes. That will show
11 you some of the more
12 recent activities.

13 Just to recap where
14 we were the last time we
15 had a public meeting, we
16 had changed the cleanup
17 decision back in
18 September. I think we met
19 in July. So it has been
20 about a year. During that
21 period of time, we
22 excavated the hazardous
23 soils. We've been taking
24 them out by rail car as
25 we've done in the past.

1 We're up to about 300 rail
2 cars now, and we'll be
3 finished in about a
4 month ---

5 MR. FIZZANO:

6 Month and a half.

7 MR. CORBETT:

8 --- month and a
9 half. We're taking out
10 about six rail cars per
11 week and shipping them out
12 to Las Vegas where it's
13 then transferred and then
14 taken to the U.S. Ecology
15 treatment facility located
16 in Beatty, Nevada. The
17 treatment will be ongoing
18 through a thermal
19 desorption unit located
20 out in Beatty, Nevada, so
21 there will be no treatment
22 on site as we've been
23 discussing the last few
24 meetings.

25 What's left behind

1 now are the moderately
2 contaminated soils and the
3 lightly contaminated
4 soils. The last time we
5 were here we were
6 discussing changing the
7 cleanup of soils because
8 all of the soils are
9 contained within the
10 groundwater collection
11 unit. We have a
12 groundwater treatment
13 plant. It's been
14 capturing the water as it
15 infiltrates through the
16 soil as well as underneath
17 the site. We're capturing
18 it before it hits the
19 Tulpehocken Creek. It
20 flows down towards the
21 Tulpehocken Creek, and
22 it's heading down towards
23 that valley, heading to
24 the east.
25 So we're continuing

1 to pump and treat the
2 groundwater. And the
3 change last time also not
4 only changed the soil
5 where we were leaving the
6 saturated soils in the
7 ground, as it turned out,
8 all the hazardous
9 saturated soils were
10 excavated. We did leave
11 that option open. We
12 weren't sure if we'd been
13 able to get down to the
14 top of bedrock and
15 excavate all of the
16 saturated soils. We were
17 successful in that. Tom,
18 are there any areas at all
19 as we finished up where we
20 left hazardous soils in
21 place?

22 MR. FIZZANO:

23 No. We implemented
24 manually withdrawing the
25 water and sending it

1 through the treatment
2 system because we were
3 able to get down to almost
4 about a foot above
5 bedrock. And we were
6 still allowed to leave the
7 material there, but the
8 site coordinator indicated
9 that we should draw that
10 water out and get the
11 remaining soils down to
12 the bedrock.

13 MR. CORBETT:

14 It worked out well.
15 We weren't sure if we
16 would be able to
17 accomplish that. We
18 thought maybe the water
19 might be infiltrating too
20 fast. But the guys out at
21 the site did a real nice
22 job in both the excavating
23 and the pumping out the
24 groundwater in the
25 excavation holes.

1 So the hazardous soil
2 is now excavated. The
3 last couple of piles of
4 soil that are being
5 shipped over the next six
6 weeks are in the storage
7 building. So all of the
8 excavation activities out
9 there are done. We'll be
10 loading the rail cars from
11 the soils in the buildings
12 and then taking them out
13 off site.

14 The change today ---
15 well, the other change
16 also in regard to the
17 soils was on site, and
18 here you can see Creamery
19 Road and the Union Canal
20 and Tulpehocken Creek and
21 Fairlane Avenue and the
22 Conrail tracks. We refer
23 to that area that's
24 bounded by those physical
25 boundaries as on site.

1 And then the areas that
2 are adjacent, we always
3 discuss as off site. The
4 off-site areas being over
5 on the Bayer property to
6 the west, over on the farm
7 to the north and some
8 small areas of
9 contamination --- this
10 would be to the west, this
11 would be to the east.
12 Thank you. Rather than
13 put in an impervious cover
14 on the landfill, which we
15 had discussed last time,
16 we opted for soil cover to
17 allow the water to
18 infiltrate through so that
19 the arsenic could be
20 captured by the
21 groundwater permeating
22 lightly or moderately
23 contaminated soils.
24 At that time, the
25 remedy also included for

1 excavating the off-site
2 soils, bringing them on
3 site and then covering
4 them on site. And the
5 reason we didn't change
6 the remedy last year was
7 because we did not have
8 access agreements or
9 control of the property to
10 the area to the north or
11 the area to the east,
12 these two large areas.
13 Since that time, we've
14 made tremendous strides.
15 We have not officially
16 purchased the property. I
17 said we. It's actually
18 the WLPSG, the Whitmoyer
19 Laboratories Private Study
20 Group, that has been
21 pursuing purchasing this
22 acreage to the north and
23 also working out a
24 long-term agreement with
25 the area to the east. And

1 since we've made progress
2 in those areas, what we're
3 proposing now is to not
4 excavate those soils but
5 instead to cover them in
6 place to the area to the
7 north of the site and the
8 area to the east, rather
9 than bring them on site
10 and create basically a
11 small hill there. What
12 we're trying to do is keep
13 it level.

14 This property will be
15 purchased within the next
16 week to two weeks. It
17 could be as early as
18 tomorrow. We're that
19 close to finalizing an
20 agreement with that
21 property owner. And we're
22 continuing discussions
23 with Bayer who owns the
24 property to the east.
25 They've indicated that

1 there would be no problem
2 in leaving the
3 contaminated soils on
4 their property.

5 What we will have to
6 do is excavate two feet of
7 soil. The flood way ---
8 of course, we're close to
9 the Tulpehocken Creek.
10 The flood way comes in
11 through here. And we
12 can't change the elevation
13 of that ground surface.
14 If we increase that size
15 there, it could have
16 impacts on people being
17 flooded either downstream
18 or upstream. So what we
19 have to do is take out two
20 feet of soil through this
21 area and two feet of soil
22 through this area and put
23 a two-foot cover of clean
24 soil, excavate the
25 contaminated, lay down the

1 two-foot cover of clean.
2 And then the areas outside
3 of the flood way, we can
4 install the two-foot soil
5 cover right on top of the
6 contaminated soil.

7 The final picture
8 will be two feet of clean
9 soil over the moderately
10 contaminated soil both
11 north of the site and to
12 the east of the site, as
13 well as the two-foot soil
14 cover over the on site
15 area. The two-foot soil
16 cover is the same soil
17 cover as we had proposed
18 originally over the
19 lightly contaminated
20 soil.

21 So just to back track
22 --- people look a little
23 confused. We have lightly
24 contaminated soil, the
25 moderately contaminated

1 soil and the heavily. The
2 heavily has all been
3 excavated both on site and
4 off site. It's in the
5 process of being
6 transported. The lightly
7 contaminated soil was
8 originally requiring the
9 two foot soil cover, and
10 what we're doing now is
11 expanding for the
12 moderately contaminated
13 soil to also have a
14 two-foot cover of clean
15 soil. It also gives us
16 the opportunity to expand
17 the planned recreational
18 area. We're hoping that
19 the on site area will be
20 able to be converted to a
21 recreational area when
22 it's completed. Jennifer
23 Bryson will be discussing
24 that when she discusses
25 the upcoming activities.

1 There's potential for
2 possibly nature trails
3 over in the area in
4 between the creek and the
5 canal. There is a
6 possibility for a nature
7 area or an area that's
8 preserved for wildlife
9 over in this area as
10 well. So we have a lot of
11 other additional options.

12 A couple other minor
13 changes. There was
14 nonhazardous concrete on
15 site where the original
16 remedy required us to
17 excavate the concrete and
18 take it off site to a
19 landfill. Of course, we
20 separated out the
21 hazardous portion. What
22 we're proposing to do is
23 to crush the nonhazardous
24 concrete and use it on
25 site as fill material

1 below the two-foot soil
2 cover. There's also
3 nonhazardous piping that's
4 underneath the ground.
5 The original remedy,
6 although we were planning
7 on doing a more extensive
8 excavation work in this
9 area, the original remedy
10 required us to take out
11 nonhazardous piping
12 because of all the
13 hazardous material. So
14 what we're proposing to do
15 is the piping that's under
16 ground, rather than
17 chasing a piping across
18 the site or whatever and
19 trying to dig it up just
20 to dig up the pipe, if
21 we're excavating, we're
22 excavating soil then the
23 pipe will come out with
24 it. If we're not required
25 to excavate the soil then

1 we'll cut the pipe and cap
2 it and leave it under the
3 site. So there will be
4 some nonhazardous piping
5 that we left behind.
6 There will be some
7 nonhazardous concrete that
8 will be crushed and made
9 into fill material that
10 will be left behind. And
11 then the two-foot cover of
12 clean soil on top of the
13 whole site, both on site
14 and the off site areas.
15 It's not that much
16 different than the
17 original remedy because
18 the original remedy
19 required us to do the
20 two-foot soil cover over
21 the lightly contaminated
22 soil. So the green areas
23 out here, this would also
24 --- this would have
25 received a two-foot soil

1 cover. This would have
2 received a two-foot soil
3 cover in this green area
4 in here as well.

5 With that --- before
6 we go into the videotape
7 does anyone have any
8 questions? I hope I
9 explained this clearly I
10 know it's a little bit
11 complicated.

12 NO RESPONSE

13 MR. CORBETT:

14 How about I put on
15 the TV and hopefully you
16 can see from where you're
17 sitting. What this shows
18 is some of the soil
19 excavation work going on,
20 where we dug up the
21 hazardous soils and we're
22 loading them into rail
23 cars. So you'll have the
24 opportunity to see some of
25 that up close. If you

1 were driving by the site,
2 a lot of our activities
3 now are right near the
4 road. So you might be
5 getting a better view of
6 the activities now than
7 you had in the past. I
8 know in the past it was
9 probably more important to
10 have the video because a
11 lot of the work was in the
12 vault area or into the
13 green areas which was the
14 central part of the site.
15 Now our activities are
16 much closer to the street.

17 MS. BROWN:

18 Are you set?

19 MR. CORBETT:

20 I believe so.

21 MS. BROWN:

22 If at anytime you
23 can't see our graphics or
24 the video, please feel
25 free just to be

1 comfortable and move
2 around, get yourself a
3 seat where you can see
4 better. Let us know, we
5 can move the graphics from
6 where they are.

7 MR. CORBETT:

8 In the background is
9 Fairlane Avenue. And what
10 they were doing at this
11 stage, this was back on
12 May 11th. They were
13 excavating. This was the
14 final stage of excavating
15 the hazardous soils. What
16 we have done in the area
17 that's close to Fairlane
18 Avenue is already brought
19 in some clean soil because
20 it was a fairly deep
21 excavation. Here's some
22 folks that are walking
23 along Fairland Avenue in
24 the background. That's
25 how close we were to the

1 street. We brought in
2 some clean soil so that we
3 now don't have any
4 moderately contaminated
5 soils close to the
6 surface.

7 What they would do at
8 the excavation areas were
9 fill up a front-end
10 loader. We'd have one
11 piece of equipment digging
12 up the soil. That would
13 then load up the front-end
14 loader which would then
15 come across the site and
16 then bring it to the rail
17 cars. In the background
18 here, the lagoons, the
19 grass in that area where
20 we had excavated two years
21 ago grew in real nicely.

22 These are the rail
23 cars on site. There's a
24 rail spur. And what you
25 have see draped over the

1 sides is the geotextile
2 membrane, basically like a
3 heavy plastic cover. And
4 they would load the soils
5 into the rail car, and
6 then after it was
7 completed that plastic
8 would flap up over like an
9 envelope and that would be
10 secured. And then on top
11 of that a second tarp
12 would go on, and then that
13 would be tied down to the
14 sides of the rail car.

15 The landscape of the
16 site looks quite a bit
17 different this year than
18 it had in the past. We've
19 been doing a lot of
20 clearing and grubbing,
21 getting the trees down,
22 getting some areas of the
23 soil excavated where we
24 had the hazardous soils.
25 Again there's the lagoons

1 in that area. And this is
2 just another view of them
3 loading the hazardous
4 soils in the front-end
5 loader.

6 One of the other
7 activities that we
8 accomplished during this
9 past year was crushing up
10 the vault. Many of you
11 may remember the concrete
12 vault that was on site
13 that had drums in it,
14 hazardous sludge, soil and
15 debris. We emptied that
16 out in one of the earlier
17 phases, completing that
18 about two and a half years
19 ago. And what was left
20 was the concrete vault
21 structure itself. That's
22 been crushed. That
23 material was taken off
24 site, the crushed concrete
25 that used to be the

1 vault. And that was also
2 taken out to Beatty,
3 Nevada for disposal.

4 One of the problems
5 we're dealing with today,
6 if you've driven by often,
7 I guess it was about four
8 and a half, five inches of
9 rain that hit the
10 community --- I was just
11 speaking to Dean Moyer
12 about that a couple of
13 minutes ago. The area
14 that was next to Fairland
15 Avenue that they were
16 excavating there filled in
17 with water. And what
18 we've been doing
19 throughout the excavation
20 is containing any water
21 that filled in the holes
22 on site. And what we do
23 is we pump that off into
24 tanker trucks that hold
25 --- 10,000 gallons, Tom,

1 20,000 gallons?

2 MR. FIZZANO:

3 20,000, the bigger
4 tanks.

5 MR. CORBETT:

6 And we store it on
7 site, and we let the silt
8 settle out, and then pump
9 that bad water through the
10 groundwater treatment
11 plant. What we're trying
12 to do is minimize any
13 runoff of any contaminated
14 water that comes in
15 contact with the soil
16 until we have get a clean
17 layer of soil on top ---
18 hello.

19 BRIEF INTERRUPTION

20 MS. BROWN:

21 I must apologize.

22 The newspaper ad had the
23 time as 7:00, the flyer
24 had it as 7:30. We would
25 be more than glad to

1 repeat any parts that you
2 have missed or give you a
3 quick overview of where we
4 are at this point.

5 MR. CORBETT:

6 Yes. I've got 7:30.
7 I'll go through it all
8 again. We're almost
9 wrapping up now, but it's
10 our mistake, and we'll do
11 it twice.

12 Jennifer, I guess
13 I'll turn it over to you
14 to explain the upcoming
15 activities over the next
16 year. Does anyone have
17 any questions regarding
18 the excavation work that's
19 been ongoing?

20 MS. DOUTRICH:

21 Yeah. I want to know
22 why you're cutting all of
23 the trees down.

24 MR. CORBETT:

25 I was just mentioning

1 how the site looks a lot
2 different now because of
3 the clearing and
4 grubbing. As part of our
5 activities to excavate the
6 hazardous soils and then
7 to put clean soil over the
8 top, the majority of the
9 trees will be cut down and
10 then new trees planted.

11 MS. DOUTRICH:

12 Oh, new trees
13 planted.

14 MR. CORBETT:

15 Yes. There is a
16 revegetation plan as part
17 of it. With that, I'll
18 turn it over to Jennifer.

19 MS. BRYSON:

20 Thanks very much,
21 Chris. As Chris mentioned
22 we are in the very final
23 phases of construction
24 after many years of doing
25 construction work out

1 here. And we're
2 tremendously excited to be
3 coming down the
4 homestretch. So I was
5 just going to recap very
6 briefly what are the
7 things that are going to
8 be happening over the
9 next, as Chris said, about
10 a year. And if you have
11 any questions, please toss
12 them out.

13 Once this final ROD
14 amendment is signed, which
15 we have hope is going to
16 be during this summer, we
17 would immediately then
18 start with our final
19 phases of excavation and
20 then recovering of the
21 site. We've already begun
22 some of the preparatory
23 work for that. So we
24 have, as you mentioned
25 already, started clearing

1 the trees that were down
2 here by the stream. A
3 number of trees have been
4 taken down. Those trees
5 that we can leave up we
6 are trying to leave up.
7 And then as also Chris
8 said, there is a very
9 extensive revegetation
10 plan. I think you said
11 something like 15,000
12 plants are going to be
13 going back onto the site.
14 So, you know, it's hard to
15 take down the trees, but
16 if they're in the
17 excavation area there is
18 really no way to work
19 around that. But we are
20 getting this area cleared
21 out, and it really is
22 changing the whole way
23 everything looks there.
24 Then once the ROD
25 amendment is signed we can

1 officially begin the
2 excavation work.

3 Everywhere we see
4 yellow up here near the
5 creek is where we would be
6 excavating just the top
7 two feet. And again as
8 Chris mentioned, the
9 reason we have to do that
10 is because we can't change
11 what flood storage there
12 is out there. We have to
13 take out at least two feet
14 of soil everywhere that
15 you see the yellow. Those
16 soils are brought back
17 onto the site. We have a
18 number of pockets in here
19 where we took heavily
20 contaminated soils out
21 during the last phase.
22 That's where those soils
23 would be going back in or
24 wherever else they fit
25 in. Then we would be

1 bringing clean fill back
2 in, and not only filling
3 up all of the yellow areas
4 that you see, but also
5 covering everything else
6 here with at least two
7 feet of clean soil. And
8 again the two feet is to
9 make sure that there is no
10 possibility for any future
11 contact with the soils
12 that are beneath that.
13 And again that fill that
14 is brought in it's
15 certified to be clean and
16 all that.

17 We have a
18 revegetation plan. We
19 have a regrading plan.
20 And the grading plan is
21 essentially what we're
22 trying to work with, what
23 this is all going to look
24 like when it's done. And
25 we've had conversations

1 with the township. We've
2 tried very hard to take
3 the township's concerns
4 and needs into
5 consideration as we've
6 come up with our final
7 plan. And we've tried to
8 come up with something
9 that is providing the
10 maximum future usage.

11 This is probably not
12 as visual, but I'll try it
13 anyway. Is there any
14 point in it? Can you guys
15 see any of the green stuff
16 back there? This is
17 something that we worked
18 out with the township.

19 It's one of the proposed
20 plans, and it shows there
21 is a soccer field here,
22 another soccer field here,
23 a soccer field here, and a
24 softball field here. This
25 again is the site proper.

1 There is also this whole
2 other piece above which
3 can now become
4 incorporated into the
5 site. We're not
6 necessarily going out and
7 building these ball fields
8 as much as what we're
9 trying to do is just ---
10 you can't see it?

11 UNIDENTIFIED MAN:

12 No.

13 OFF RECORD DISCUSSION

14 MS. BRYSON:

15 But again with what
16 we're trying to do is we
17 aren't necessarily
18 building a ball field as
19 much as we're trying to
20 leave everything in a
21 configuration which then
22 the township can come in
23 and get things just the
24 way they want them to be.
25 And so we've got

1 essentially a lot of flat
2 area up here at the
3 southern end of the site
4 and then grading down to
5 the creek. And then all
6 of this area is probably
7 going to end up being
8 fairly flat.

9 Timing, I think we
10 would hope to be finished
11 up at least with the bulk
12 of the excavation work.
13 If things go well, if they
14 proceed smoothly, we hope
15 to be done with that in
16 what I call this
17 construction year. In
18 other words, before the
19 weather gets too bad in
20 the fall. And we may even
21 get started with some of
22 the work of bringing in
23 the clean soil cover,
24 although I doubt that
25 we'll be able to make it

1 through all of that. More
2 likely we'll have to come
3 back in in the spring,
4 finish putting in the rest
5 of the clean soil cover.
6 And then we'd be
7 revegetating in the
8 spring. So we'd be trying
9 do that as quickly as
10 possible, so we can really
11 get a number of trees in.

12 There's also a plan
13 up here that shows the
14 revegetation plan, which
15 just to get an idea, I
16 think Tom had mentioned
17 earlier --- is it really
18 15,000?

19 MR. FIZZANO:

20 Trees and herbaceous
21 plants, yes.

22 MS. BRYSON:

23 Yes. So really all
24 these are trees along the
25 stream and along the

1 canal. So we're really
2 hoping to return it to
3 something that is pretty
4 close, if not
5 significantly better than
6 what it is.

7 I think that that's
8 it unless there's
9 questions.

10 MR. CORBETT:

11 I have actually one
12 important thing to add.
13 There is one other minor
14 change I forgot to mention
15 before. If we can just go
16 back to the ---.

17 MS. BRYSON:

18 The excavation?

19 MR. CORBETT:

20 Yes. That one.
21 There is a small area
22 adjacent to the steep
23 embankment of the Conrail
24 tracks over in this area.
25 And because it's so steep

1 we can't get a two-foot
2 layer of soil on top of
3 that. If we try to put a
4 two-foot layer of soil on
5 top of a steep slope it's
6 going to keep sliding and
7 sliding down. So what
8 we're going to do is run a
9 fence along there to
10 eliminate any potential
11 with --- children or
12 adults could come into
13 contact with the
14 lightly-contaminated
15 soil.

16 The soils in that
17 area are just barely above
18 the background level.
19 They don't have a whole
20 lot of arsenic at all. So
21 it's a minor concern, but
22 it's something that we
23 feel is still necessary,
24 to fence it off from the
25 public. So it's one very

1 small restricted area. I
2 think it's about a half
3 acre in total that runs
4 along that area. And
5 there is already a fence
6 over on this side that
7 runs down. What we'll do
8 is we'll tie right into
9 that. And it will also
10 restrict access to that
11 side of the bank of the
12 railroad tracks. I'm sure
13 that will also help with
14 keeping people off the
15 track.

16 The other thing is
17 this is the sixth time
18 I've come before you with
19 changes. We came up with
20 our original plan to build
21 an incinerator in the
22 community. And the first
23 three changes we've had
24 eliminated the building of
25 the incinerator in the

1 community. We also had
2 changes to not treat the
3 material on site, instead
4 to ship it out to Nevada
5 and treat it out there.

6 This is the final
7 change. Usually at this
8 time in the meeting I
9 would always tell you
10 about the next change. In
11 six months or a year I'll
12 be here to discuss so and
13 so is what we're planning
14 on. We think we have it.
15 Now, there may be some
16 other minor tinkering,
17 some other minor details
18 or whatever. And you
19 never know, we could come
20 in with a change in the
21 future for something
22 else. But these are all
23 of the changes that we can
24 foresee at this time.
25 We're all very excited. I

1 guess it's been about
2 seven years now we've been
3 doing active construction
4 and cleanup work out at
5 the site. And everyone
6 that's been closely
7 associated with the site
8 is real excited that we're
9 in the final phase now.
10 In about a year, year and
11 a half we should be
12 finishing things up.
13 What we still will
14 do, even though we're not
15 required --- we're always
16 required to have these
17 meetings by law when we're
18 making changes, and that's
19 why we have a court
20 stenographer. In the
21 future, what we'll do is
22 still have meetings on the
23 order of about once a year
24 or so. They won't be
25 required by law, and they

1 won't have a court
2 stenographer probably, but
3 we'll still have meetings
4 to keep you posted as far
5 as how the cleanup went.
6 I'm sure there'll be a lot
7 of interest in the
8 community as far as plans
9 for future use of the
10 site, if it will be used
11 for recreational purposes
12 or otherwise. So we're
13 more than happy to come
14 down and keep you posted.

15 At the same time, if
16 you have any questions at
17 all, we'll leave our cards
18 out and our phone
19 numbers. And if anyone
20 has any questions during
21 the cleanup, feel free to
22 please give us a call. If
23 anyone has any concerns
24 about activities that they
25 see during the cleanup ---

1 so far we've been good
2 neighbors, I think. I
3 haven't received any
4 complaints. But if any
5 activities are ongoing
6 that you have concerns
7 with or you have
8 questions, feel free to
9 give us a call and we'll
10 address them immediately.
11 Again, I apologize
12 that we didn't start at
13 7:30 as we had on our one
14 document, and our
15 advertisement had said
16 seven o'clock. So this is
17 all we have as far as the
18 presentation at this
19 time. If anyone has any
20 questions we'll continue
21 to take any questions
22 anyone may have. And then
23 we'll give everyone who
24 has heard all of this a
25 chance to leave if they'd

1 like to leave. And then
2 for the folks that came in
3 a little bit late, we'll
4 be happy to sit down and
5 go over any of the
6 details. I know it looks
7 like some of you are new.
8 Are you new citizens in
9 the community?

10 MS. DOUTRICH:

11 No, I was just here
12 one time.

13 MR. CORBETT:

14 Okay. I know we have
15 a couple new faces. And
16 if anyone would like some
17 of the past history,
18 what's been going on over
19 the last five, six, seven
20 years out there, as well
21 as what we're planning on
22 doing in the future, I'd
23 be more than happy to sit
24 down and go over that
25 again and also run the

1 videotape again to show
2 you the soil excavation
3 work that's been ongoing.
4 Does anyone have any
5 questions?

6 NO RESPONSE

7 MR. CORBETT:

8 Okay. Well, with
9 that we'll officially end
10 the meeting. We will
11 start it again in five
12 minutes for those who want
13 to see it a second time.
14 But at least it's
15 officially ended now, so
16 we won't have the court
17 stenographer for part two.
18 You know what? Actually
19 we probably should
20 because ---.

21 OFF RECORD DISCUSSION

22 * * * * *

23 MEETING NUMBER ONE CONCLUDED

24 * * * * *

25

1
2 MEETING NUMBER TWO CONVENED

3
4 P R O C E E D I N G S
5 -----

6 MS. BROWN:

7 Good evening and
8 thank you so much for
9 coming out. My name is
10 Lisa Brown and I work with
11 the U.S. Environmental
12 Protection Agency. I'm
13 the community involvement
14 coordinator for this
15 particular site as well as
16 others in the six state
17 region that EPA serves out
18 of the Philadelphia
19 office. Tonight we're
20 here to talk about the
21 Whitmoyer Lab Superfund
22 Site and cleanup. We now
23 have a proposal to change
24 the way the soils are
25 addressed here at the

1 site.

2 The reason why we
3 have a stenographer up
4 here is because we're in
5 the middle of a public
6 comment period, and that
7 runs from June 22nd to
8 July 21st. During that
9 time you can send in your
10 comments to our project
11 manager Christopher
12 Corbett. And if you
13 haven't seen this flier,
14 we have extra copies up
15 here. This gives a
16 summary of what our
17 proposal entails. On the
18 back of it we have Chris'
19 name and mailing address.
20 If you have a question or
21 comment that you think of
22 after tonight's meeting
23 you can go ahead and mail
24 it in to him. And the
25 reason for the

1 stenographer is not only
2 to create a record but
3 also to give the community
4 members a chance to stand
5 up and ask their questions
6 or express their comments
7 on the record, without
8 having to write a letter
9 to Chris. If you stand up
10 tonight and ask a
11 question, that goes into
12 the record and we'll
13 either answer it tonight,
14 and if we're not able to
15 answer it immediately,
16 we'll respond to you
17 during the comment period
18 and get either a letter
19 back to you or a telephone
20 call back to you with the
21 answers to what you seek.

22 We also have copies
23 of the formal proposed
24 plan in the local
25 library. You may hear it

1 called an administrative
2 record. It's a real fancy
3 name for public files that
4 we keep here in your
5 community. And those
6 public files include legal
7 and technical documents
8 that we use to make our
9 plan decisions at this
10 site.

11 We have had newspaper
12 ads as well as this
13 flier. The newspaper ad
14 was in the Merchandise,
15 as well as the Lebanon
16 Daily News. And the folks
17 who saw our newspaper ad
18 showed up at 7:00, and the
19 folks who saw the flier
20 showed up at 7:30 because
21 it was my boo-boo as the
22 writer, I didn't check
23 that one particular
24 thing. My apologies,
25 because that's why we're

1 doing this presentation
2 for a second time.

3 With that, that gives
4 you a good synopsis of
5 where we are as far as the
6 comment period, the
7 documents here in your
8 community. I'd like to
9 turn it over now to
10 Christopher Corbett, EPA's
11 project manager for this
12 particular site who will
13 talk a little bit more
14 about soils.

15 You will also note
16 that there are two people
17 up here on our panel.
18 They're from an
19 engineering firm called
20 Environ. They were hired
21 by the Whitmoyer Lab
22 Private Study Group to
23 carry out this work,
24 hiring subcontractors and
25 such. Here is Jennifer

1 Bryson, she's the former
2 project manager for
3 Environ. And to her right
4 is Tom Fizzano?

5 MR. FIZZANO:

6 That's right.

7 MS. BROWN:

8 I got it right. And
9 he's the current project
10 manager for Environ. So
11 those are our cast of
12 characters and now I'm
13 going to turn it over to
14 Chris.

15 MR. CORBETT:

16 Thank you, Lisa. In
17 addition to discussion of
18 the proposed changes to
19 the remedy this evening,
20 we also have a videotape
21 with some of the soil
22 excavation work that's
23 been ongoing out at the
24 site over the last year.
25 Just to recap

1 quickly, the last time we
2 were here for a change to
3 the remedy, to the
4 cleanup, we were
5 discussing putting a
6 two-foot soil cover over
7 the site rather than an
8 impermeable cap, basically
9 a thick layer of plastic
10 to prohibit rain water
11 from infiltrating down
12 into the soil. And
13 because the area is being
14 captured by a groundwater
15 treatment plant which is
16 located over here,
17 groundwater is being
18 captured throughout this
19 entire area.

20 What we had proposed
21 last time, for a change to
22 the remedy, was not to
23 cover the site with
24 plastic, but instead cover
25 it with two feet of soil

1 to allow rain water and
2 snow when it melts to
3 infiltrate down through
4 the ground and bring any
5 remaining arsenic into the
6 groundwater to be pumped
7 out and then treated by
8 the groundwater treatment
9 plant. The hazardous
10 soils have all been
11 excavated over the past
12 year. We have our design
13 under way and nearly
14 complete in fact to cover
15 the site with the two feet
16 of soil.

17 And the changes that
18 we're proposing today are
19 rather than excavate the
20 soils that were outside of
21 the area --- here's our
22 site bounded by Creamery
23 Road, the Conrail tracks,
24 Fairlane Avenue and Union
25 Canal. This is what

1 what's referred to as on
2 site. Rather than dig up
3 the soils outside of that
4 area and bring them on
5 site, what we're proposing
6 to do is to cover them in
7 place. To leave the
8 contaminated soil in place
9 and cover it with two feet
10 of soil on this property
11 here and on that property
12 there. And the reason we
13 didn't propose it last
14 time, we had discussed
15 that we were heading
16 towards that direction.
17 We weren't able to propose
18 it last year because we
19 didn't have agreements
20 with the adjacent land
21 owners. There's the Bayer
22 Corporation to the east
23 over here. And we've been
24 working on a long-term
25 agreement with them to

1 prohibit people from going
2 in that area and digging
3 and coming in contact with
4 the contaminated soil. So
5 instead what we're
6 proposing is to cover
7 those soils in place with
8 two feet of clean soil.
9 And the same thing with
10 the property to the north
11 which is owned by a
12 private citizen. The
13 Whitmoyer Laboratories
14 Private Study Group has
15 been in discussions with
16 them for actually a couple
17 of years now. And within
18 the next week to two weeks
19 they should have an
20 agreement finalized which
21 would then give us the
22 ability to leave the soil
23 in place there and cover
24 it with two feet of soil.
25 There is going to be

1 some excavation work
2 ongoing. In fact, about
3 25,000 cubic yards of soil
4 will be excavated in the
5 flood way. Following on
6 the Tulpehocken Creek in
7 where these blue hash
8 marks are is what's called
9 the flood way. And we
10 can't change the elevation
11 of the surface there. We
12 can't just put two feet of
13 clean soil on top because
14 then it will impact people
15 either above or below that
16 area in flooding. So we
17 can't change the elevation
18 in that area, so what
19 we'll do is have two feet
20 of either lightly or
21 moderately contaminated
22 soil and bring that on
23 site, and then put in a
24 two-foot soil cover in
25 that area.

1 All of the soils will
2 be covered in the end with
3 two feet of clean soil
4 throughout this area on
5 site if the proposal is
6 acceptable to the
7 community as well as the
8 State. The Pennsylvania
9 Department of
10 Environmental Protection,
11 I forgot to mention them
12 during the last
13 presentation, has been in
14 consultation with us and
15 we anticipate that they
16 would accept this as
17 well. They've actually
18 helped develop this
19 proposal.
20 The other changes are
21 nonhazardous concrete,
22 which the original remedy
23 said we should take
24 off-site and dispose of in
25 a landfill. The

1 nonhazardous concrete,
2 because we have such large
3 excavation areas, what
4 we'd like to do is crush
5 that and place that in the
6 excavations areas on
7 site. There's also
8 nonhazardous piping that's
9 left behind. The
10 hazardous portions have
11 been excavated and cut
12 off. And the nonhazardous
13 piping that's underneath
14 the ground, if we don't
15 disturb it, we're
16 proposing to leave that in
17 place also. If it's in an
18 area where we're moving
19 dirt, either to put our
20 soil cover on or to shift
21 dirt for regrading
22 activities, then we would
23 excavate it and pull it
24 out.

25 And the other change

1 is a small area adjacent
2 to the Conrail tracks
3 here, which is about
4 six-tenths of an acre,
5 approximately a half of an
6 acre. We're proposing to
7 fence in this area of
8 lightly-contaminated soil
9 that's adjacent to this
10 steep bank of the Conrail
11 tracks. It's about a 30
12 to 50 percent slope and it
13 would be very difficult to
14 put two feet of soil on
15 top of such a steep
16 embankment. So this area
17 right in here, we're
18 proposing to put a
19 chainlink fence to
20 prohibit people from
21 coming in contact. The
22 levels of arsenic in that
23 area are actually quite
24 low. They're just above
25 the background number, but

1 because they are slightly
2 elevated we want to
3 eliminate any direct
4 contact that people could
5 have with those soils.

6 With that I'll turn
7 it over to Jennifer Bryson
8 and she can briefly
9 explain the activities
10 that will be upcoming over
11 the next year. And the
12 revegetation plan, I know
13 you've probably seen
14 there's been a lot of
15 clearing and grubbing
16 going on in anticipation
17 of the upcoming soil
18 excavation work. And at
19 the conclusion of that, if
20 anyone would like to see,
21 we have a videotape that
22 shows up close some of the
23 soil excavation work in
24 case anybody has any
25 questions on what they've

1 seen over the last couple
2 of months out at the site.

3 MS. BRYSON:

4 Okay. Thank you,
5 Chris. Just very briefly
6 I want to talk about what
7 the phases are of
8 construction that are
9 going to be happening over
10 the next year. And this
11 is our last year of
12 construction after many
13 years so we're happy to be
14 at this point.

15 We have been doing a
16 number of preparatory
17 activities out there,
18 clearing the trees, trying
19 to save trees that we can,
20 but most of the trees have
21 come down because they are
22 in areas of excavation.
23 Clearing other debris
24 that's in the way, getting
25 the site in general ready

1 to be covered. Most of
2 the trees that are along
3 this stream, the stream up
4 here and the canal, have
5 been cleared. As soon as
6 this final change to the
7 remedy is signed we would
8 then begin the excavation
9 work. And all of the
10 areas that are in yellow
11 here are areas where we
12 would be excavating the
13 top two feet, again, just
14 to maintain the existing
15 volume of flood storage in
16 that area. So all of
17 these soils everywhere you
18 see yellow would be
19 excavated and brought back
20 onto the site and placed
21 into holes that exist here
22 where we took out the
23 heavily contaminated
24 soil. So we're beginning
25 the process of getting the

1 site to the final grade
2 that we want it to be.

3 After we finish that
4 excavation work, or
5 actually concurrent with,
6 we would be backfilling
7 this with clean soil. And
8 when all of that yellow
9 area is backfilled then we
10 would we begin the process
11 of covering everything
12 with the final two feet of
13 clean soil. So we'd be
14 covering everything here
15 that you see in green or
16 yellow, including this
17 entire site area.

18 As we are doing all
19 of that work we're going
20 to be moving a lot of soil
21 around in an effort to get
22 to the final grades that
23 we want to achieve.
24 That's what we call our
25 final grading plan. And

1 that plan has been worked
2 out in discussions with
3 the township.

4 We're trying to get
5 it to a point where it can
6 become as usable as
7 possible for the
8 township. And what we've
9 discussed with them is the
10 possibility of turning it
11 into recreational uses,
12 soccer fields, ball
13 fields. There's another
14 diagram up here which ---
15 if you can't see it,
16 please come look at it
17 afterwards, it's very
18 interesting. This is a
19 blow-up of the site proper
20 and shows that there's a
21 proposed softball field
22 here, a smaller youth
23 sized soccer field here,
24 two larger soccer fields
25 in this area, parking,

1 some picnic pavilions down
2 by the canal. It would be
3 really nice to sit in a
4 pavilion down by the old
5 historic lock which we've
6 been able to keep. And
7 there's going to be a
8 walking trail that will
9 circle all of this. And
10 then there's the northern
11 piece that is now going to
12 become part of the site,
13 which the actual use of
14 that is still going to be
15 determined by the
16 township, but that's going
17 to be incorporated into
18 this overall kind of plan
19 for green space.
20 If things go well, we
21 will be doing most, if not
22 hopefully all of the
23 excavation work by the end
24 of this construction
25 season, which will be

1 October, November, as soon
2 as it gets too cold and
3 wet to work anymore. And
4 we may get some of the two
5 foot of clean soil in but
6 probably not all of it.
7 In the spring we would
8 hope to come back and
9 finish up with the two
10 foot of clean soil and be
11 doing our revegetation
12 during the early spring.
13 We have a very extensive
14 revegetation plan
15 including 15,000 plants.
16 There's a number of trees
17 that are proposed to come
18 back in to hopefully get
19 it back to somewhat close
20 to what it was.

21 This shows the stream
22 and the numbers of trees
23 that are proposed to come
24 back in here. So we hope
25 we're going to have a real

1 nice shady area, a nice
2 place to walk down here by
3 the canal. So we hope the
4 revegetation is in the
5 spring. I think I
6 mentioned that already.
7 And hopefully then we're
8 out of here.

9 So if there's any
10 questions.

11 MR. DOUTRICH:

12 The creek, is that
13 going to be just one creek
14 en route? It used to be
15 two. And I went down
16 through Creamery Road and
17 I saw the one creek was
18 diverted over and made
19 into one.

20 MS. BRYSON:

21 That's a good
22 question that I should
23 have touched on. During
24 the remediation we are
25 required for certain spots

1 where there's areas within
2 the canal or the stream
3 that exceed certain
4 criteria of arsenic in the
5 stream sediment. We're
6 required to take those
7 sediments out and
8 essentially restore that
9 stream or canal area. And
10 the short answer to your
11 question is everything is
12 going to be back the way
13 it was when we started,
14 but it's not that way
15 now. The first thing we
16 did was divert water away
17 from the canal into the
18 stream so that we could
19 deal with all this stuff.
20 Then we're going to do the
21 exact opposite and divert
22 everything through the
23 canal while we deal with
24 some sediments up here.
25 When it's all said and

1 done, we're going to have
2 everything back the way it
3 was. So there should be
4 the two bodies of water in
5 essentially the condition
6 that they were before we
7 started. That was a good
8 question. I'm glad you
9 reminded me of that.

10 MR. DOUTRICH:

11 I'm a nosy neighbor.
12 I live right across. I
13 can see everything that's
14 going on over there. And
15 that's one of my main
16 things, is to stand at the
17 front window and look over
18 there and watch these
19 fellows working.

20 MS. BRYSON:

21 I was just thinking
22 one of things that I'm
23 most excited about is the
24 fact that people are going
25 to be able to walk down

1 along this stream and the
2 canal again for the first
3 time in a long time. I
4 thing it's going to be
5 great.

6 MS. CONNER:

7 You mean a trail
8 along the canal?

9 MS. BRYSON:

10 Yes, there's a
11 walking path. I don't
12 know exactly what that
13 path will look like or
14 even if that's figured out
15 yet. What we do is just
16 get to the point where
17 it's the right kind of
18 elevations and slopes and
19 stuff, and then the
20 township will take it from
21 there and figure out what
22 the specific details are.

23 MS. CONNER:

24 Will the area be
25 grass, vegetation?

1 MS. BRYSON:

2 There certainly is a
3 plan for extensive grass.
4 Especially in the area
5 where the ball fields
6 are. I don't know if this
7 path is going to be grass
8 or gravel or ---.

9 MR. MOYER:

10 We haven't really
11 gotten to that because
12 like I had mentioned
13 before, this is a project
14 with quite a bit of
15 magnitude for a small
16 township like this. So as
17 we get recreational monies
18 we will put different
19 things in there and work
20 on whatever is priority.
21 But I got to say this
22 in conclusion, when this
23 project first started I
24 think a lot of people in
25 the area had reservations

1 about it. And as I
2 recall, the project
3 manager, I believe at that
4 time, I can't tell you his
5 name, but it seemed like
6 we were going to have some
7 tough battles to get done
8 what we wanted to have
9 done in here as far as the
10 town and the surrounding
11 area was concerned. When
12 Chris came on the site it
13 was a whole different
14 story. And I got to tell
15 you the cooperation
16 between the EPA and the
17 Whitmoyer Private Study
18 Group has been absolutely
19 phenomenal and they have
20 done everything that
21 anyone could wish for.
22 And I think we're going
23 have a very lovely site
24 when it's finished. And I
25 got to thank Chris and I

1 got to thank the people
2 from the Whitmoyer Private
3 Study Group because they
4 have certainly done their
5 share.

6 So you hear so much
7 about superfund sites that
8 are absolutely horrendous
9 and people are fighting
10 them and carrying on.

11 This one has been done
12 with absolutely very, very
13 little resistance or very
14 few problems, and so I got
15 to thank everybody
16 involved, and a lot of the
17 credit goes to Chris and
18 the people from EPA to be
19 able to work with the
20 Private Study Group and
21 get the project done the
22 best way that would suit
23 everybody and still be
24 desirable in the final
25 analysis. So I thank

1 everyone for that.

2 MR. FIZZANO:

3 You're welcome.

4 MR. CORBETT:

5 Thank you, Dean. I
6 can't add anything after
7 that. How about I turn on
8 the video, and if anyone
9 would like to see some of
10 the soil excavation work
11 up close ---. You might
12 be more familiar with it
13 than we are.

14 MR. DOUTRICH:

15 That building that's
16 in there yet, are you
17 going to keep that there?

18 MR. FIZZANO:

19 No, both of the
20 buildings we'll take
21 down. The one building
22 that will remain is the
23 one on Fairlane, the newer
24 one.

25 MR. DOUTRICH:

1 This is more to the
2 west.

3 MR. CORBETT:

4 Yes, those two
5 storage buildings. The
6 two big ones are going to
7 go, and the rail car on
8 this side of them, we'll
9 get rid of the rail car.

10 MS. BRYSON:

11 That's going to be
12 third base somewhere
13 around there.

14 MR. DOUTRICH:

15 I see them taking
16 railroad cars off and
17 putting them in again.

18 MR. CORBETT:

19 We've taken out
20 almost 300 rail cars
21 during this past year.
22 And what we've been doing
23 is excavating the
24 hazardous soils. Before
25 we started this phase of

1 the work we'd determined
2 what were the lightly
3 contaminated, what were
4 the moderately
5 contaminated and what was
6 the highly or the
7 hazardous soils. And that
8 was the target of our
9 excavation during this
10 past phase. Out of the
11 300 rail cars, Tom,
12 they've carried about
13 almost 100 cubic yards per
14 rail car, I guess, about
15 90 cubic yards?

16 MR. FIZZANO:

17 Yes. I'd say about
18 70, about 90 tons a car.

19 MR. CORBETT:

20 About 90 tons per
21 car.

22 MR. FIZZANO:

23 Total excavation was
24 somewhere around 18,000 to
25 20,000 cubic yards.

1 MR. DOUTRICH:

2 That went to Nevada
3 you said?

4 MS. BRYSON:

5 All of it went to
6 Nevada.

7 MR. CORBETT:

8 All of it went to
9 Nevada by the rail cars.
10 They took them out through
11 Chicago and Kansas City,
12 Ray?

13 MR. JOHNSON:

14 North Platte.

15 MR. CORBETT:

16 It winds up in Las
17 Vegas and then goes down
18 to--- not in downtown Las
19 Vegas but kind on the
20 outskirts, and then they
21 transfer it from the rail
22 cars into trucks and then
23 take it by truck.

24 UNKNOWN MALE:

25 What's the final

1 destination?

2 MR. CORBETT:

3 To Beatty, Beatty,
4 Nevada where they have a
5 treatment and disposal
6 area. In fact, we still
7 have some soil in the one
8 building that's out
9 there.

10 This is the lagoon
11 area that we excavated two
12 years ago, which actually
13 looked quite similar to
14 this at the time. Things
15 have grown back pretty
16 nicely even on their own,
17 but with the regrading and
18 revegetation I think we'll
19 really have a nice-looking
20 site when it's all said
21 and done. I know it's
22 hard to imagine that right
23 now looking at this.

24 What we have done was
25 brought in clean soil in

1 that area. As you drive
2 by it's actually ---
3 because of the five inches
4 of rain we've got quite a
5 bit of water in that area
6 at this time. And in fact
7 they're actively pumping.
8 In fact, people were there
9 working this evening to
10 get a head start on trying
11 to pump the water out of
12 that area because what we
13 do is we try to contain
14 it. If any water comes
15 into the areas during the
16 excavation they contain
17 it, and the guys have done
18 a good job in pumping that
19 water out. And then they
20 run it through the
21 ground-water treatment
22 plant. So what we don't
23 want is to have surface
24 run-off with even lightly
25 or moderately contaminated

1 levels of arsenic washing
2 out.

3 UNKNOWN MALE:

4 How long is it
5 anticipated that these
6 extraction wells will be
7 leaching, taking the leach
8 from the site?

9 MR. CORBETT:

10 There have been
11 estimates that go into the
12 hundreds of years, but I
13 don't think it will be
14 that long. One of the
15 things we're doing is
16 backfilling. And this is
17 in part of the design. We
18 haven't gone through it
19 and approved it because
20 we're still in the design
21 stage for this next
22 phase. But some of the
23 material that's being
24 brought in is almost like
25 a sandy-type material,

1 that's very low in
2 organics. Not like a
3 topsoil but more, I guess,
4 like a sand is really the
5 best way to describe it.
6 Ray, how can I describe
7 the material that you're
8 proposing to use?

9 MR. JOHNSON:

10 The material we are
11 proposing to use would be
12 more like a clay-type
13 rather than a sandy-type
14 soil.

15 MR. YUNASKA:

16 It's more like a
17 natural soil.

18 MR. JOHNSON:

19 More native to the
20 area.

21 MR. YUNASKA:

22 Because otherwise, it
23 may present some problems
24 in terms of maintenance of
25 the fields and the grass

1 in the upper cover, so you
2 got to strike a balance
3 between enough
4 permeability and not too
5 much, so that you don't
6 create maintenance
7 problems later on.

8 MR. CORBETT:

9 Good. That was one
10 of the concerns we were
11 discussing, the
12 maintenance of the soils.
13 But basically you try to
14 get soils that drain well.

15 MR. YUNASKA:

16 Because what goes out
17 is coming back in. In
18 other words, it's similar
19 type stuff that we're
20 digging out, and we are
21 putting similar stuff,
22 certified clean, back in.

23 MR. CORBETT:

24 There is some of the
25 concrete. I'm glad

1 actually I stopped right
2 here. This is one of the
3 machines that we use to
4 break up the concrete. And
5 we put back this
6 nonhazardous concrete.

7 MR. DOUTRICH:

8 I saw that going on.

9 MR. CORBETT:

10 It is quite a noisy
11 operation, unfortunately.
12 But it will break the
13 concrete down into sizes
14 so we can use it for the
15 backfill. That was some
16 of the nonhazardous
17 material we were talking
18 about.

19 We did have some
20 hazardous concrete, that
21 when we sampled it it
22 failed the leachability
23 test. It was actually
24 arsenic right in with the
25 concrete. And that was

1 separated out and taken
2 off-site for treatment and
3 disposal. While we were
4 here that day they were
5 breaking up concrete, so
6 it's important to use what
7 we can. And that also
8 minimized the vehicles
9 coming in. We're going to
10 have a lot of vehicles
11 coming in, bringing in
12 clean soil, so whatever we
13 can use that's
14 nonhazardous on site, we
15 like to use that and that
16 would also drain the area
17 well.

18 OFF RECORD DISCUSSION

19 MR. CORBETT:

20 There's one of the
21 storage buildings in the
22 background. Like we were
23 saying both of those will
24 be gone. We'll probably
25 do that in the winter when

1 we have --- we were
2 talking about having to
3 move soils and having to
4 slow down when we have the
5 winter months. That will
6 give us the opportunity
7 then. The vault that we
8 used to have out on site,
9 the big concrete vault
10 that was crushed up during
11 that last phase, all of
12 that concrete, that was
13 some of the hazardous
14 concrete that was taken
15 off-site, that went into
16 rail cars and went out to
17 Beatty, Nevada for
18 disposal.

19 And that's about all
20 I have. Any questions
21 based on the changes that
22 we're proposing or the
23 upcoming work over the
24 next year?

25 MS. CONNERS:

1 How many gallons a
2 day does the groundwater
3 treatment plant pump?

4 MR. CORBETT:

5 Gallons per day?

6 MR. FIZZANO:

7 100 gallons a minute.

8 MS. CONNERS:

9 And it really draws
10 from that whole area?

11 MR. FIZZANO:

12 Yes.

13 MR. CORBETT:

14 Yes. We have a total
15 of like 15, 14 extraction
16 wells?

17 MR. JOHNSON:

18 Fourteen (14).

19 MR. CORBETT:

20 Fourteen (14)
21 extraction wells at this
22 time. We are going
23 through and evaluating.
24 One of the things that we
25 were working on right

1 before we got heavily into
2 this phase was evaluating
3 the first year of data
4 that came in from the
5 groundwater treatment
6 plant. So there is the
7 potential that we may be
8 pumping from additional
9 wells, or pumping more
10 from certain wells in the
11 future. We do monitor the
12 groundwater on a quarterly
13 basis, looking for various
14 water levels. And ensure
15 --- very important that
16 we ensure capture
17 throughout this whole area
18 because we are relying on
19 that groundwater system.
20 Any remaining arsenic that
21 is in the lightly or
22 moderately contaminated
23 soils, we want to ensure
24 we capture that before it
25 migrates.

1 MS. CONNERS:

2 Otherwise it would
3 discharge to the creek.
4 And what you're doing is
5 pulling it in, treating it
6 and then discharging it to
7 the creek?

8 MR. CORBETT:

9 That's correct. We
10 have hot spot wells in the
11 highly contaminated
12 areas. And then we have
13 what's called perimeter
14 wells, which are located
15 closer to the creek
16 because we know the
17 water's migrating towards
18 the creek and those
19 perimeter wells capture it
20 before it enters.

21 MS. BROWN:

22 Any other questions?

23 MR. CORBETT:

24 We'll be hanging
25 around a couple of more

1 minutes if you think of
2 anything.

3 MS. BROWN:

4 If you have any other
5 questions later on, as I
6 mentioned before, we are
7 in the middle of a comment
8 period. Christopher's
9 mailing address is back
10 here on the back of this
11 fact sheet. This is the
12 summary that we sent out
13 to people's mail at home.
14 If you haven't gotten one
15 please feel free to take
16 one. Or if your neighbors
17 or friends weren't able to
18 make it tonight we also
19 have copies at the
20 Myerstown Public Library
21 on College Street, and
22 that's where we keep our
23 public files which contain
24 information about the site
25 cleanup. Christopher has

1 his card up here. We also
2 have an 800 number that
3 rings at my desk and all
4 my other colleagues, so
5 feel free to use that
6 number to call whether it
7 be about this proposal or
8 any other questions or
9 concerns that you have at
10 any time about this
11 particular site.

12 MR. CORBETT:

13 And it's a magnet.

14 MS. BROWN:

15 And it's a magnet.

16 We also have a sign-in
17 sheet. That's how we
18 maintain our own mailing
19 list. So we basically add
20 people on. So if your
21 friends or neighbors
22 haven't gotten a chance to
23 be on our mailing list,
24 they can call on me on
25 that 800 number. So if

1 you would, please come up
2 and sign in if you haven't
3 done so already. I'd
4 appreciate that. And
5 that's basically it.
6 Thank you so much for
7 coming out.

8 * * * * *

9 MEETING CONCLUDED AT 8:36 P.M.

10 * * * * *

1
2
3 COMMONWEALTH OF PENNSYLVANIA:

4 : SS
5 COUNTY OF CAMBRIA :
6

7 CERTIFICATE

8 I, Melissa L. Charlton, Notary Public in and for the Commonwealth of
9 Pennsylvania, do hereby certify:

10 That the witness was hereby first duly sworn to testify to the truth, the
11 whole truth, and nothing but the truth; that the foregoing deposition was taken
12 at the time and place stated herein; and that the said deposition was taken in
13 Stenotype by me and reduced to typewriting, and constitutes a true and correct
14 record of the testimony given by the witness.

15 I further certify that the reading and signing of said deposition
16 were ~~(not)~~ waived by counsel for the respective parties and by the witness.

17 I further certify that I am not a relative, employee or attorney of any of
18 the parties, nor a relative or employee of counsel, and that I am in no way
19 interested directly or indirectly in this action.
20

21 IN WITNESS WHEREOF, I have hereunto set my hand and stamp this

22 3rd day of July 2000
23
24
25

Melissa L. Charlton

NOTARIAL SEAL
MELISSA L. CHARLTON, Notary Public
Johnstown, Cambria County, PA
My Commission Expires Dec. 18, 2000

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